

TNFSF10

Mouse Anti-Human TRAIL / APO2L (Clone B-T24) Biotin mAb

Catalog No.	CDM439	Quantity:	100 µg
Alternate Names:	Tumor necrosis factor ligand superfamily member 10, TNFSF10, Apo-2L, APO-2 ligand, CD253, TRAIL		
Description:	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein preferentially induces apoptosis in transformed and tumor cells, but does not appear to kill normal cells although it is expressed at a significant level in most normal tissues. This protein binds to several members of TNF receptor superfamily including TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and possibly also to TNFRSF11B/OPG. The activity of this protein may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and TNFRSF11B/OPG that cannot induce apoptosis. The binding of this protein to its receptors has been shown to trigger the activation of MAPK8/JNK, caspase 8, and caspase 3. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.		
Concentration:	0.1 mg / 1.0 ml		
UniProt ID:	P50591		
Gene ID:	8743		
Specificity:	Recognizes TRAIL, APO2L antigen, a 32 kDa protein		
Host:	Mouse		
Immunogen:	Recombinant human TRAIL		
Isotype:	IgG1		
Clone:	B-T24		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Formulation:	PBS containing 1% BSA and 0.09% Sodium Azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Ion exchange chromatography		
Conjugate:	Biotin		
Applications:	ELISA Detection Antibody. This antibody can be used as a Detection Antibody (0.05 -0.5 µg/ml) in a human TRAIL sandwich immunoassay to detect human TRAIL in combination with human TRAIL Capture Antibody (Cat No CDM415) . The suggested coating concentration range below should be optimized by each laboratory for each application.		
Application Notes:	ELISA:		
Storage & Stability:	Store at 2-8°C for 12 months. For longer storage, freeze aliquots at -20°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

